

T> Dear FCC,>
> First, I appreciate the Federal Communication Commission (FCC) extending
> the time for comments on the Engineering and Technology Notice Inquiry
> Docket No. 03-104 regarding Carrier Current System, including Broadband
> over power line industry.
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> As a licensed amateur radio operator, FCC call sign N0AJP, I am very
> concerned with the
> spectrum pollution (interference) associated with the new broadband over
> power line technology the FCC is considering for approval for use the
power
> line industry.
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> The industry plans to use a form of power line carrier (PLC) technology
> using existing low
> and medium-voltage power lines to deliver broadband (internet) services
to
> homes and
> businesses. It uses frequencies between 2 MHz and 80 MHz, and ARRL
> laboratory and
> field test have documented that BPL causes interference (spectrum
> pollution) to HF and low-VHF frequencies currently in use by the
Government
> (Department of Defense and
> Homeland Security), law enforcement agencies, amateur radio and
commercial
> businesses.
> Further, the current BPL, technology itself may be susceptible to
> transmissions from other
> existing services.
>
> The appreciate the level of interference, please visit the ARRL web page
at
> [<http://www.arrl.org/news/stories/2003/08/08/2?nc=1>] and listen to the
BPL
> interference
> recorded from one of the FCC test sites. To me it sounds like a strong
> jamming the frequency band such that normal signals can not be received.
> Contrary to power industry claims, the ARRL tests convinced me the
current
> BPL technology will generate major interference to existing services,
> including amateur radio. The ARRL President, Jim Haynie prepared to
provide
> the FCC with more details. He can be reached at 214-366-9400 or
> w5hbp@arrl.org.
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> Regarding the FCC Notice of Inquiry ET Docket No. 03-104, I recommend
> tightening of the FCC Part 15 requirements and/or standards for power
line
> carrier (PLC) devices to assure they will not cause interference (or be
> susceptible from) to existing services. In addition, I would appreciate
> documentation from the FCC that adequate testing has been preformed to
> existing services. Hopefully, this testing will be well documented and
made
> public before the technology is approved for use by the power line
> industry.
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> I sincerely hope the power line industry discovers a technical solution
to
> the BPL interference issue so we can enjoy the benefits of having
broadband
> internet to our home via power lines.
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> FCC support to my comments for consideration will be appreciated.
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> Regards,
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> Norton's Anti-Virus.
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